



Educator Resource Center

SPRING 2013 Workshop Schedule



ERC

National Aeronautics and Space Administration

John C. Stennis Space Center

Educator Resource Center

Building 3101

Stennis Space Center, MS 39529-6000

Spring 2013 Educator Workshops

LEGO®-neering the Future
Wednesday, February 6, 2013

CEUs: 0.5
Grades: K-8

LEGO® kits are not just toys; they are also used for exploring the concepts behind the environmental technologies of tomorrow. Teachers will be immersed in the world of sustainable development using LEGO Education models to build and examine STEM breakthroughs related to renewable energy. Teachers will use their own energy and the three main renewable energy sources – solar, wind, and water – to generate, store, and use power. The hands-on activities will explore the concepts behind renewable energy that will become the building blocks for a sustainable future.

Come Fly With NASA
Saturday, March 16, 2013

CEUs: 0.5
Grades: K-8

Get in your seat and buckle up! This NASA professional development workshop is ready to take off. This session will focus on the power of flight using hands-on activities such as air engines, bag balloons and even a table-top airport. These projects will encourage your students to explore the nature of flight, and experience some real-life applications of science, technology, engineering and math. An added feature to this workshop will be activities from our “Museum in a Box,” a unique NASA asset that includes special aerospace artifacts.

The Magical World of Science
Wednesday, April 10, 2013

CEUs: 0.5
Grades: K-6

Get ready to explore the world around you through scientific inquiry and investigations! This session will include a wide range of activities that are fun, entertaining and educational too. Participants will explore the solar system, study the challenges of living in space, and investigate how to purify water. These projects will encourage your students to conduct experiments and experience some real-life applications of science, technology, engineering and math. This workshop will be a hands-on opportunity for teachers to re-energize their lessons with simple, affordable experiments, and put some “magic” back in the science classroom!

Registration for Free Workshops at Stennis Space Center (SSC)

Call the NASA Educator Resource Center at 800-237-1821 and select option 2, or 228-688-3338 between 7 a.m. and 3 p.m. Monday through Friday. Unless otherwise noted, all 0.5 CEU workshops will be held 8:30 a.m. - 2:00 p.m. with 30-minute lunch break. Please bring your lunch. No food services are available at the workshop location. National and state education standards will be addressed in science, technology, engineering, mathematics and geography in the workshops. For more information, e-mail SSC-nasaERC@mail.nasa.gov.

Don't Miss a Workshop or Educational Event

Visit <http://education.ssc.nasa.gov/workshops.asp> and enter your e-mail to be notified about workshop schedules and education-related events.

FIRST® Robotics Competition **Kenner, LA, March 22-23, 2013** **Free Admission**

FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition Regional event will be held at the Pontchartrain Convention and Civic Center in Kenner, Louisiana, Friday, March 22, and Saturday, March 23, 2013. It is free and open to the public.

This year 58 high school teams of 25 students or more will be challenged to build and program robots to perform prescribed tasks while maintaining “gracious professionalism” and teamwork.

See robots in action performing amazing feats of skill in a sports-like atmosphere against a field of competitors and cheer for the robotics teams. It's as close to “real-world engineering” as a student can get.

This is a wonderful opportunity for your students to see technology and innovation at work.

For more information call 228-688-1378 or go to <http://www.usfirst.org> or <http://www.frcbayouregional.com>.

Educator Resource Center (ERC) Workshop Policy and Security

Educators may register for no more than three (3) workshops per semester and may only make registrations for themselves. Educators must call the ERC at 228-688-3338 as soon as possible to cancel attendance. Failure to notify the ERC of a cancellation will affect educator's ability to participate in future workshops and programs. For security purposes, you may be required to check in at either the north or south reception center upon arrival at Stennis Space Center. You must be a US citizen with a valid photo ID. Please allow sufficient time for this process when you arrive. The use of cell phones is prohibited while driving on-site at Stennis Space Center.

CEU Information

Mississippi and Louisiana educators are able to renew their teaching certificates with CEU credits from approved workshops. Unless otherwise noted, educators will receive 0.5 CEU credits for each 5-hour workshop. You must be present for the full workshop to earn credit.

The ERC maintains all records and issues a certificate of attendance when the educator completes a workshop. This certificate, along with any other CEU documentation, should be mailed by the educator to the State Department of Education at the time of renewal. To obtain a copy of your CEU credits, a written request must be sent to the ERC.

Visit the ERC for free NASA educator materials

Location and Hours:

The NASA ERC at Stennis Space Center (SSC) is located in building 3101, adjacent to the guard station on Mississippi Route 607. The ERC is open from 9-3 Monday-Friday for educators to pick up free NASA materials. To reach the center from the south (I-10) take Exit 2 north on Hwy. 607, entering from the north (I-59) take Exit 1 south on Hwy. 607. Visitor badge is not required when entering from south (I-10). Educators coming from the north (I-59) must cross the official site and can obtain a visitor's badge at B7001 adjacent to the guard station.